

CS 445

Analysis of algorithms 2

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Introduction

Things I should not forget to mention:

- Office hours: Monday, Tuesday: 9:30am – 11am
- Assignments
- Project
- Reference books
- Any question?

Outline

Design and analysis of algorithms

- greedy algorithms,
- flows and cuts,
- matchings,
- dynamic programming?
- linear programming,
- NP-completeness,
- approximation algorithms,
- asymptotic analysis,
- ...